



PATENT

Case Docket No. AUROBIO.026CP1

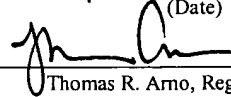
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Maher et al.  
Appl. No. : 10/620,312  
Filed : July 14, 2003  
For : ION CHANNEL ASSAY  
METHODS  
Examiner : Unassigned  
Group Art Unit : 1743

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

4/16/04

(Date)

  
Thomas R. Arno, Reg. No. 40,490

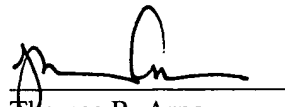
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with seven (7) references.
- (X) Four Office Actions from related applications.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Thomas R. Arno  
Registration No. 40,490  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



### INFORMATION DISCLOSURE STATEMENT

Applicant : Maher et al.  
App. No. : 10/620,312  
Filed : July 14, 2003  
For : ION CHANNEL ASSAY METHODS  
Examiner : Unassigned  
Group Art Unit : 1743

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seven references that are also enclosed. Also enclosed are copies of Office Action from related Applications No. 09/804,458, Application No. 09/804,580 and Application No. 09/804,457.

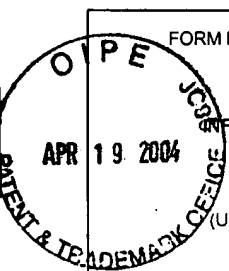
This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 4/16/04

By: 

Thomas R. Arno  
Registration No. 40,490  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. AUROBIO.026CP1		APPLICATION NO. 10/620,312	
	APPLICANT Maher et al.			
	FILING DATE July 14, 2003		GROUP 1743	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,801,543	1/31/1989	Arnold et al.			
	2	5,194,133	3/16/1993	Clark et al.			
	3	5,643,742	7/1/1997	Malin et al.			
	4	6,376,233	4/23/2002	Wolf et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
✓	5	Jacobs et al., "Control of Action Potential-Induced Ca <sup>2+</sup> Signaling in the Soma of Hippocampal Neurons by Ca <sup>2+</sup> Release from Intracellular Stores", (1997) Journal of Neuroscience 17(11):4129-4135.	
✓	6	Reiner et al., "Use of a Membrane Potential -Sensitive Probe to Assess Biological Expression of the Cystic Fibrosis Transmembrane Conductance Regulator" (1995) Human Gene Therapy 6:1275-1283.	
✓	7	Sinha et al., "Simultaneous Optical Recording of Evoked and Spontaneous Transients of Membrane Potential and Intracellular Calcium Concentration with High Spatio-Temporal Resolution" (1995) Journal of Neuroscience Methods 60:49-60	

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	